

Product datasheet for **RC226086A1V**

Human PAK6 (NM_001128629) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PAK6 (NM_001128629) AAV Particle
Tag:	Myc-DDK
Symbol:	BUB1B-PAK6
Synonyms:	PAK-5; PAK-6; PAK5; PAK6
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC226086 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTTCCGCAAGAAAAAGAAGAACGCCCTGAGATCTCAGCGCCACAGAACTTCCAGCACCGTGTCCACA
 CCTCCTTCGACCCCAAAGAAGCAAGTTTGTGGGCTCCCCCAATGGCAGAACATCCTGGACACACT
 GCGGCGCCCAAGCCCGTGGTGGACCTTCGCGAATCACACGGGTGCAGCTCCAGCCCATGAAGACAGTG
 GTGCGGGGCAGCGCATGCCTGTGGATGGCTACATCTCGGGGCTGCTCAACGACATCCAGAAGTTGTGAG
 TCATCAGCTCCAACACCTGCGTGGCCGAGCCCCACCAGCGCGGGCGGGCACAGTCCCTGGGGCTGCT
 GGGGGATGAGCACTGGGCCACCGACCCAGACATGTACCTCCAGAGCCCCAGTCTGAGCGCACTGACCCC
 CACGGCCTCTACCTCAGCTGCAACGGGGGCACACCAGCAGGCCACAAGCAGATGCCGTGGCCGAGCCAC
 AGAGCCCACGGGTCTGCCAATGGGTGGCTGCAAAGGCACAGTCCCTGGGCCCCGCCAGTTTCAGGG
 TGCCTCGCAGCGCTGTCTGAGCTGGGTGCCTGCCTGCAGAGCTCCCCACCAGGAGCCTGCCCCCAGC
 GGCACCAATAGGCATGGAATGAAGGCTGCCAAGCATGGCTCTGAGGAGGCCCGGCCACAGTCCTGCCTGG
 TGGGCTCAGCCACAGGACAGGCCAGGTGGGAAGGCAGCCCTAGCCCTAAGACCCGGGAGAGCAGCCTGAA
 GCGCAGGCTATTCCGAAGCATGTTCTGTCCACTGCTGCCACAGCCCCTCCAAGCAGCAGCAAGCCAGGC
 CCTCCACCACAGAGCAAGCCCACTCCTCTTCCGACCGCCGAGAAAGACAACCCCCAAGCCTGGTGG
 CCAAGGCCCAGTCCTTGGCCCTCGGACAGCCGGTGGGGACCTTCAGCCCTCTGACCACTTCGGATACCAG
 CAGCCCCCAGAAGTCCCTCCGCACAGCCCCGGCCACAGGCCAGTTCCAGGCCGGTCTTCCCCAGCGGGA
 TCCCCCGCACCTGGCAGGCCAGATCAGCACCAGCAACCTGTACCTGCCCCAGGACCCACGGTTGCCA
 AGGGTGCCTGGCTGGTGAGGACACAGGTGTTGTGACACATGAGCAGTTCAAGGCTGCGCTCAGGATGGT
 GGTGGACAGGGTGACCCCGGCTGCTGCTGGACAGCTACGTGAAGATTGGCGAGGGCTCCACCGGCATC
 GTCTGCTTGGCCCGGAGAAGCACTCGGGCCGCCAGGTGGCCGTCAAGATGATGGACCTCAGGAAGCAGC
 AGCGCAGGGAGTGCTCTTAACGAGGTGGTGATCATGCGGGACTACCAGCACTTCAACGTGGTGGAGAT
 GTACAAGAGCTACCTGGTGGGCGAGGAGCTGTGGGTGCTCATGGAGTTCTGCAGGGAGGAGCCCTCACA
 GACATCGTCTCCAAGTCAGGCTGAATGAGGAGCAGATTGCCACTGTGTGTGAGGCTGTGCTGCAGGCC
 TGGCCTACCTGCATGCTCAGGGTGTATCCACCGGACATCAAGAGTGACTCCATCCTGCTGACCTCGA
 TGGCAGGGTGAAGCTCTCGGACTTCGGATTCTGTGCTCAGATCAGCAAAGACGTCCCTAAGAGGAAGTCC
 CTGGTGGGAACCCCTACTGGATGGCTCCTGAAGTGATCTCAGGTCTTTGTATGCCACTGAGGTGGATA
 TCTGGTCTCTGGGCATCATGGTGATTGAGATGGTAGATGGGGAGCCACCGTACTTCAGTGACTCCCCAGT
 GCAAGCCATGAAGAGGCTCCGGGACAGCCCCCACCAGCTGAAAACTCTCACAAGGTCTCCCCAGTG
 CTGCGAGACTTCTGGAGCGGATGCTGGTGCGGGACCCCCAAGAGAGAGCCACAGCCCAGGAGCTCCTAG
 ACCACCCCTTCTGCTGAGACAGGGCTACCTGAGTGCTGGTGGCCCTGATCCAGCTCTACCGAAAGCA
 GACCTCCACCTGC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC226086 protein sequence Red=Cloning site Green=Tags(s) MFRKKKKKRPEISAPQNFQHRVHTSFDPKEGKFVGLPPQWQNILDTLRRPKPVVDPSRITRVQLQPMKTV VRGSAMPVDGYISGLLNDIQKLSVISSNTLRGRSPTSRRRAQSLGLLGDEHWATDPDMLQSPQSERTDP HGLYLSCNGGTPAGHKQMPWPEPQSPRVLPNGLAAKAQSLGPAEFQASQRCLQLGACLQSSPPGASPT GTNRHGMKAAKHGSEEARPQSCLVGSATGRPGGEGSPSPKTRESSLKRRLFRSMFLSTAATAPPSSSKPG PPPQSKPNSSFRPPQKDNPPSLVAKAQSLPSDQPVGTFSPLTTSSTSPQKSLRTAPATGQLPGRSSPAG SPRTWHAQISTSNLYLPQDPTVAKGALAGEDTGVVTHEQFKAALRMVVDQGDPRLLLD SYVKIGEGSTGI VCLAREKHSGRQVAVKMMDLRKQQRRELLFNEVVIMRDYQHFNVVEMYKSYLVGEELWVLMFLQGGALT DIVSQVRLNEEQIATVCEAVLQALAYLHAQGVIRDIKSDSILLTLDGRVKLSDFGCAQISKDVPKRKS LVGTPYWMAPEVISRSLYATEVDIWSLGIMVIEMVDGEPYPFSDSPVQAMKRLRDSPPPKLKNSHKVSPV LRDFLERMLVRDPQERATAQELLDHPFLLQTGLPECLVPLIQLYRKQTSTC TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001128629
ORF Size:	2043 bp
Buffer:	PBS with 0.001% Pluronic F9012
Stability:	AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus.
RefSeq:	<u>NM_001128629.1</u>
RefSeq Size:	3808 bp
RefSeq ORF:	2046 bp
Locus ID:	56924
UniProt ID:	<u>Q9NQ5</u>
Cytogenetics:	15q15.1
MW:	74.9 kDa